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Figure 1

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Figure 2

1 cctgcgagcc gccaggtgat ccacgggctg ggcttcgctt ctgctgtccc ctgcgatcca
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121 tgctgtccag ctggtgcagg accgggctgg ccgaccctca ctctctttgc tatgacatca
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301 ggaagaaact aaatgtcaca acggcctgga aagcacagaa cccagtactg agagaggtgg
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1141 aaa

Figure 3

1 atggcagcgg ccgccagccc cgcgttcctt ctacgcctcc cgcttctgct cctgctgtcc
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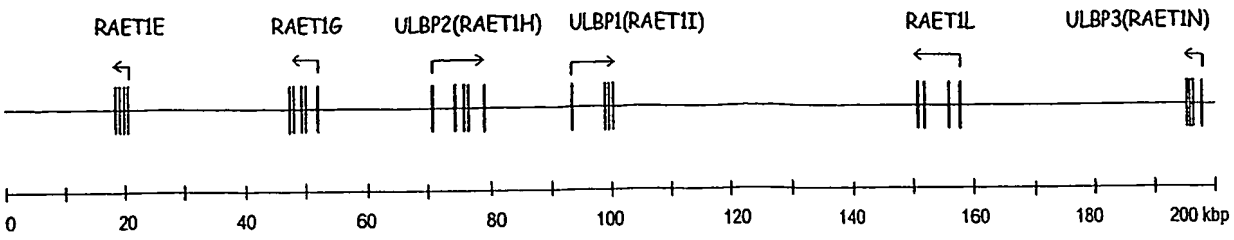
Figure 4



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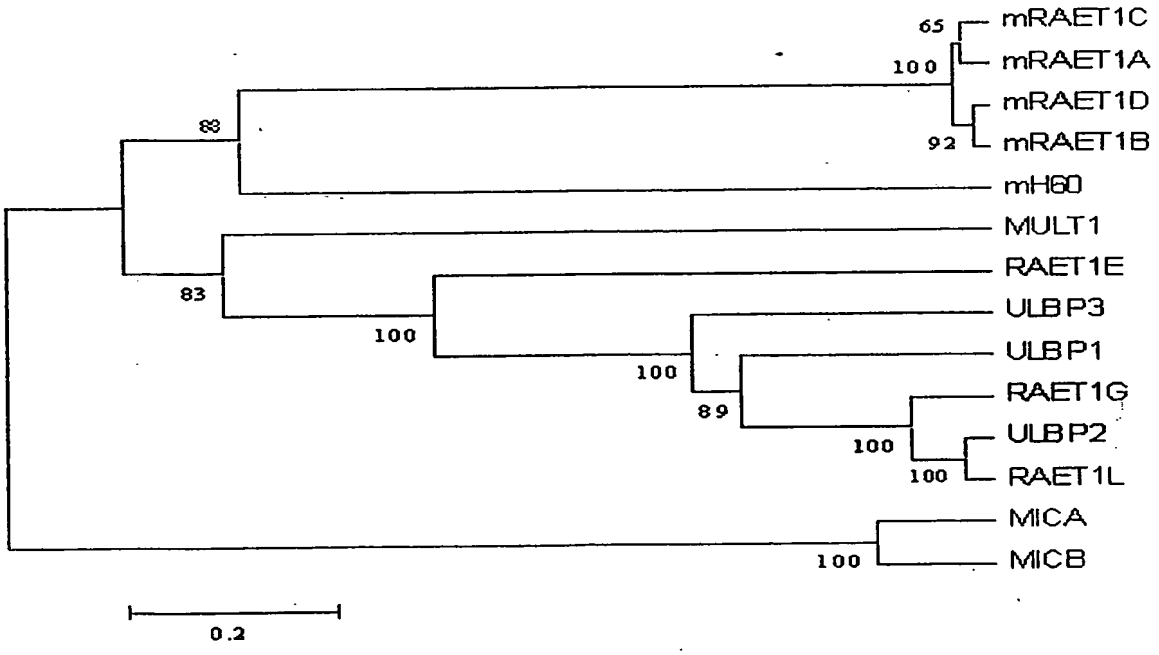

Figure 6

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Raet1e -MRRISLTSSPVRLLLFLLLLLIALEIMVGGHSLCFNFTIKSLSRPGQPWCEAQVFLNKN 59
ulbp3 MAAAASPAILPRLAILPYLLFDWSGTGRADAHSLWYNFTIIHLPRHGQQWCEVQSQVDQK 60
Raet1g TFLHYDCGSKRVTPVSPLGKKLNVTTAWKAQNPVLREVVDILTEQLLDIQLENYIPKEPL 118
ulbp2 TFLHYDCGNKTVTPVSPLGKKLNVTTAWKAQNPVLREVVDILTEQLRDIQLENYTPKEPL 119
Raet1e LFLQYNSDNNMVKPLGLLGKKVNATSTWGELTQTLGEVGRDLRMLLCDIKPQIKTS-DPS 118
ulbp3 NFLSYDCGSDKVLSMGHLEEQLYATDAWGKQLEMLREVGQRLRLELADTELEDFTPSGPL 120
Raet1g TLQARMSCEQKAEGHGSGSWQPSFDGQIFLLFDSQNRMWTTTHPGPRKMKEKWENDKDMT 178
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Raet1e TLQVEMFCQHEAERCTGASWQFTINGEKSLLFDAMNMTWTVINHEASKIKETWKKDRGLE 178
ulbp3 TLQVRMSCECEADGYIRGSWQFSFDGRKFLLFDSNNRKWTVVHAGARRMKEKWEKDSGLT 180
[Raet1g alternative splice ending SAGGTV]
Raet1g MSFHYISMGDCTGWLEDFLMGMDSTLEPSAGAPPTMFSGTAQPRATATTLILCCLLIMCL 238
ulbp2 MSFHYFSMGDCIGWLEDFLMGMDSTLEPSAGAPLAMSSGTTQLRATATTLILCCLLIIL- 238
Raet1e KYFRKLSKGDCDHWLREFLGHWEAMPEPTVSPVNASDIHWSSSSLPDRWIILGAFILLVL 238
ulbp3 TFFKMVSMRDCKSWLRDFLMHRKKRLEPTA--PPTMAPGLAQPKAIATTLSPWSFLIIL- 237
Raet1g LICSRHSLTQSHGHHPQSLQPPPHPPLLHPTWLLRRVLWSDSYQIAKRPLSGGHVTRVT 297
ulbp2 PCFILPGI---------- 246
Raet1e MGIVLICVWWQNGEWQAGLWPLRTS------ 263
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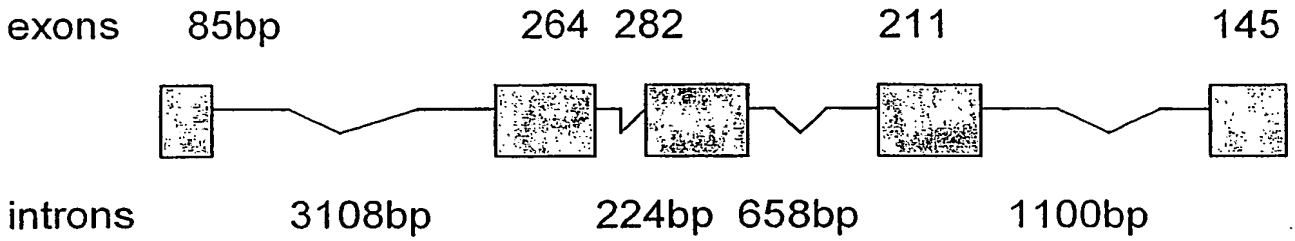
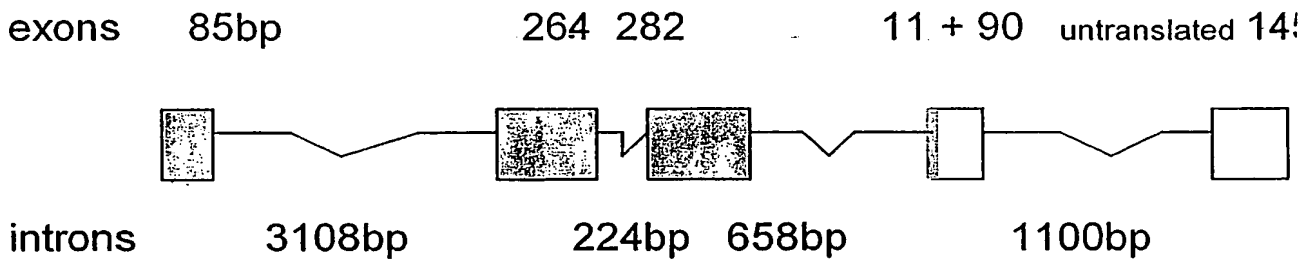
Figure 7

RAET1G



RAET1G2



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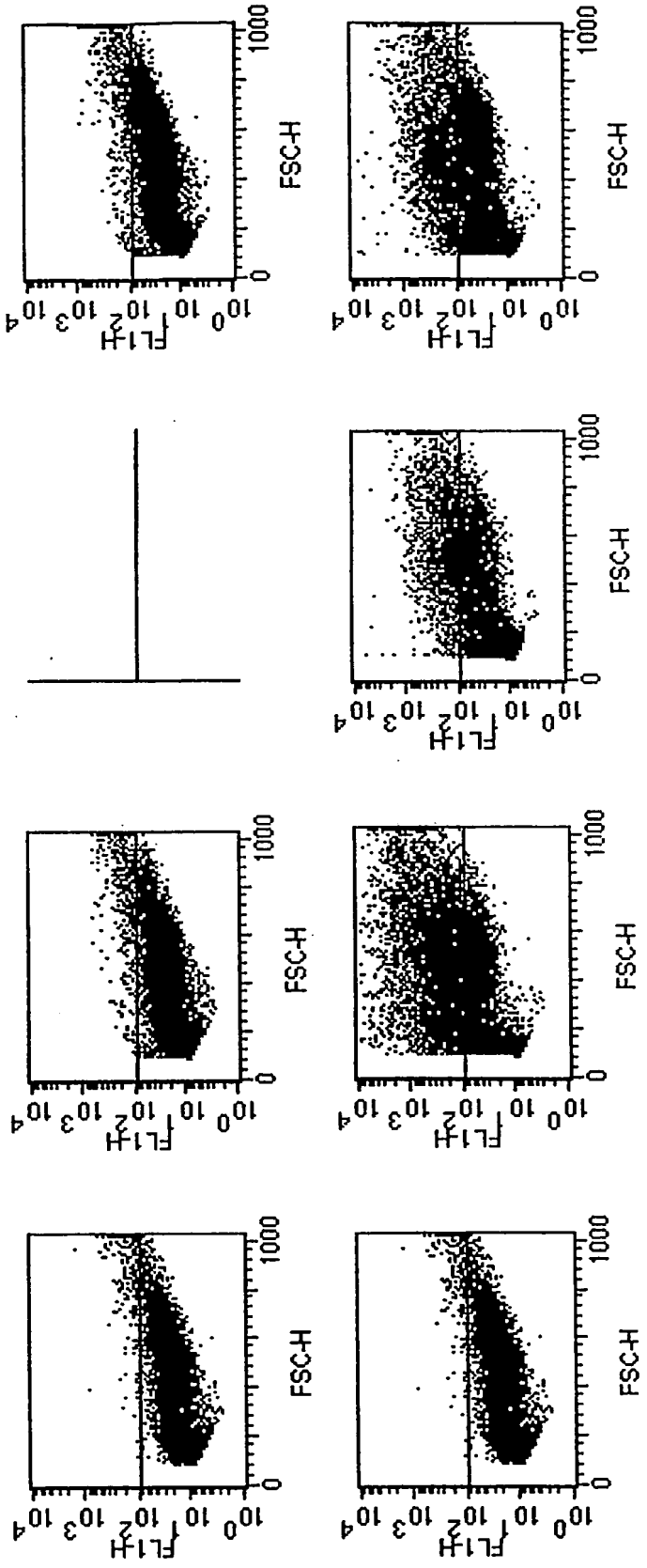

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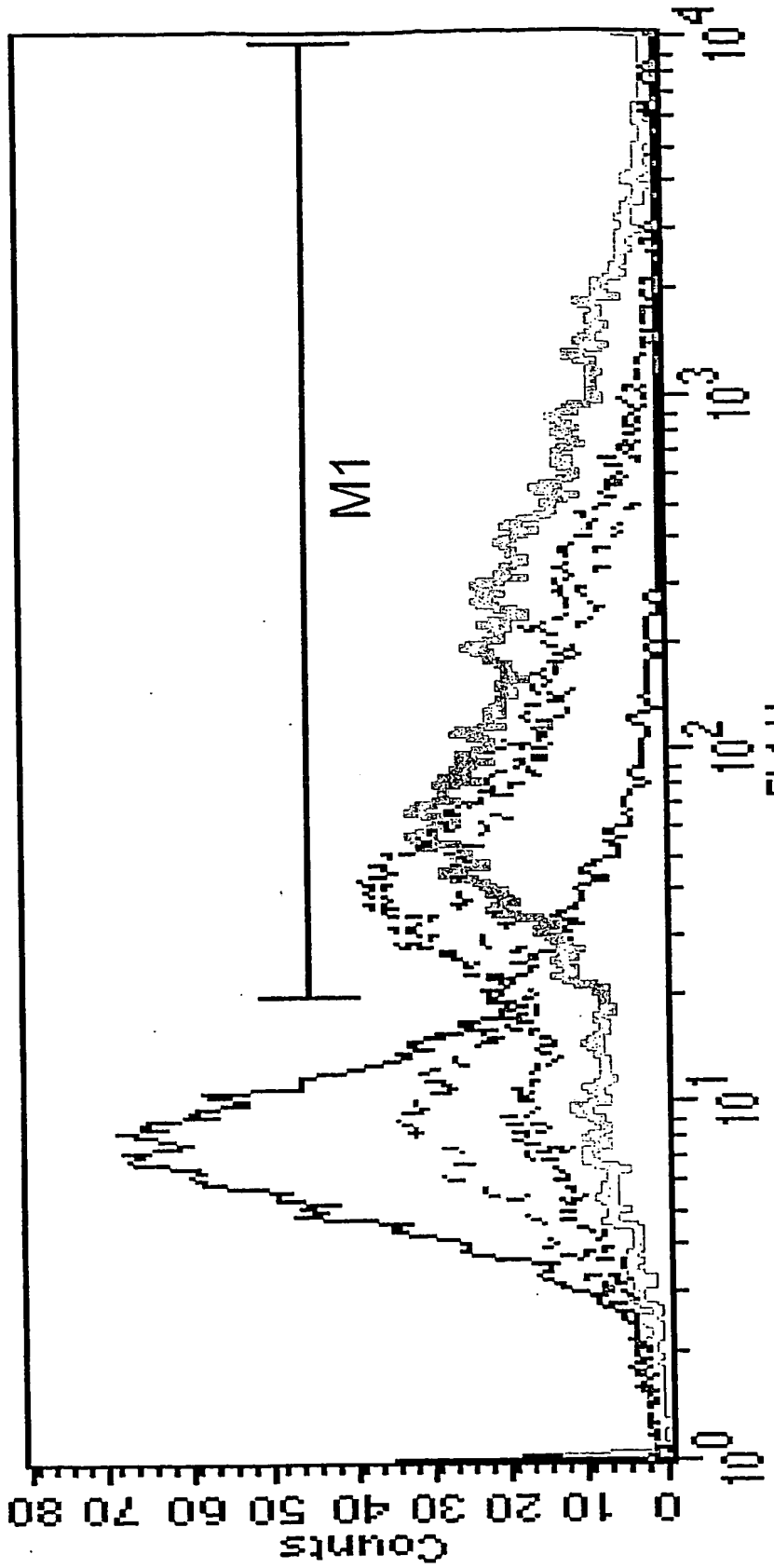

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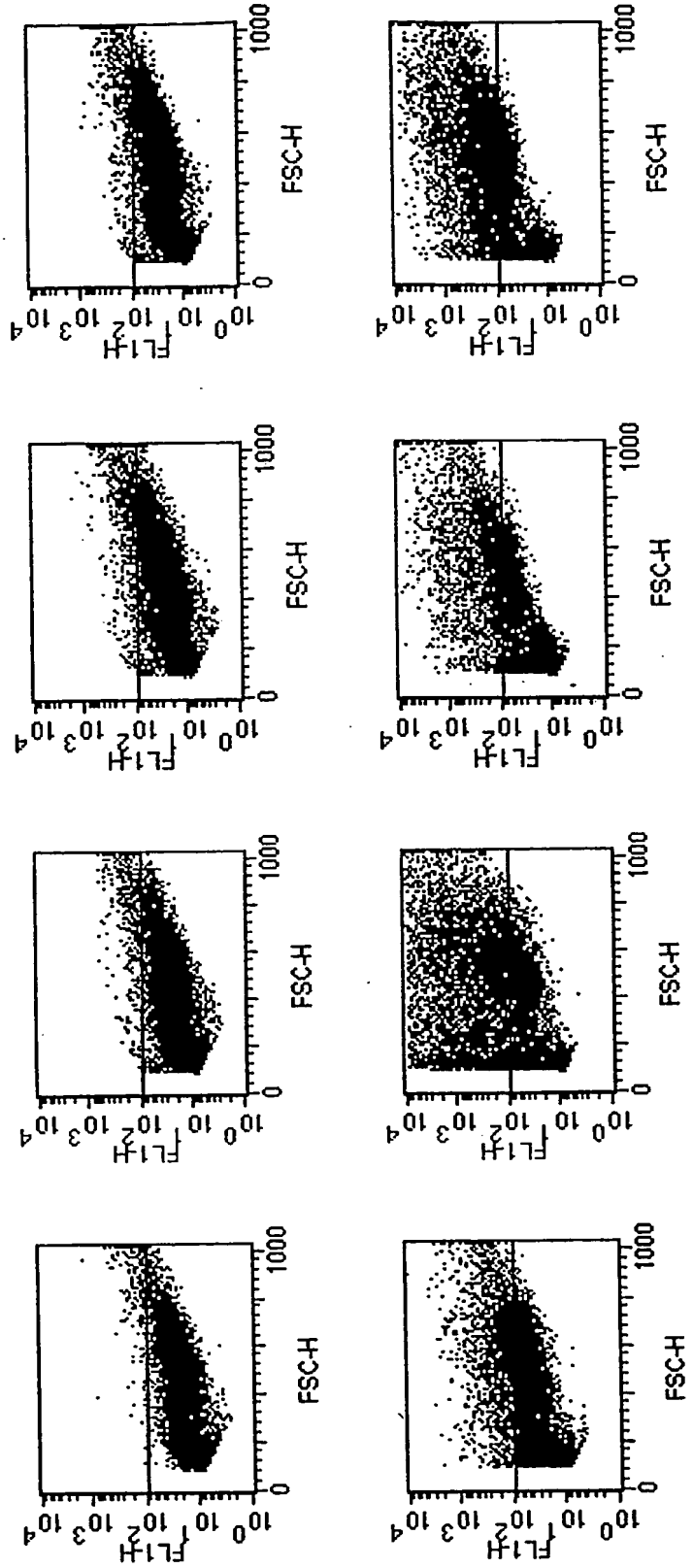

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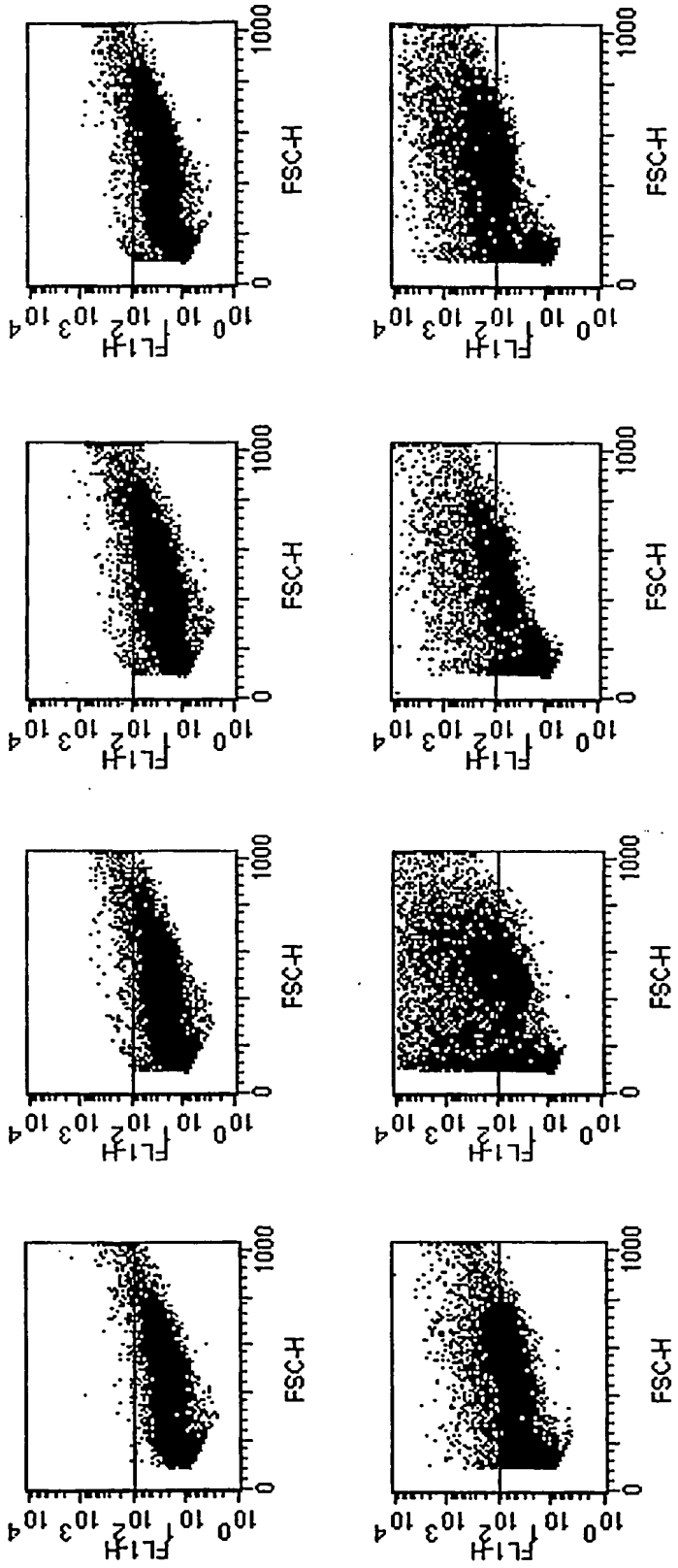
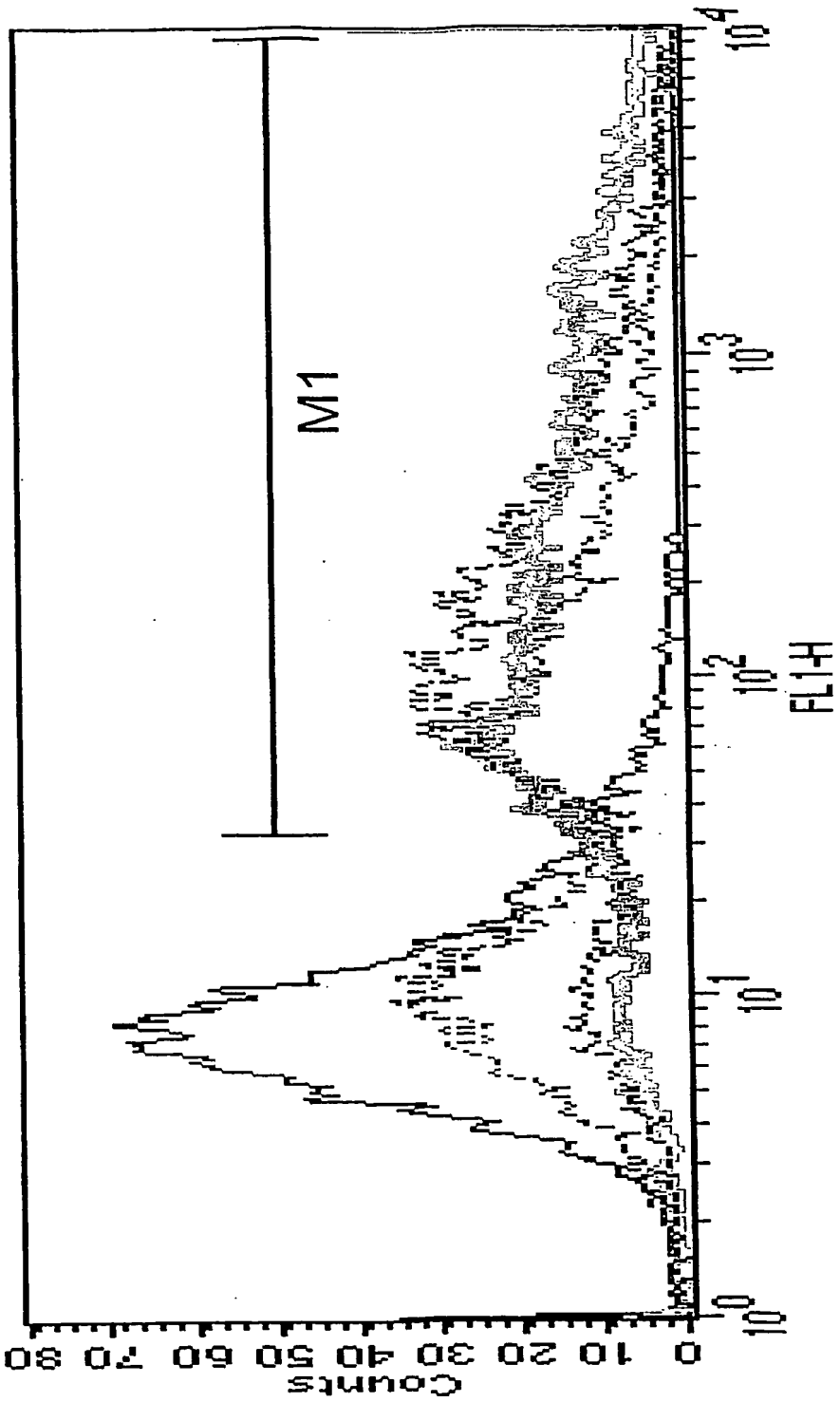


Figure 11



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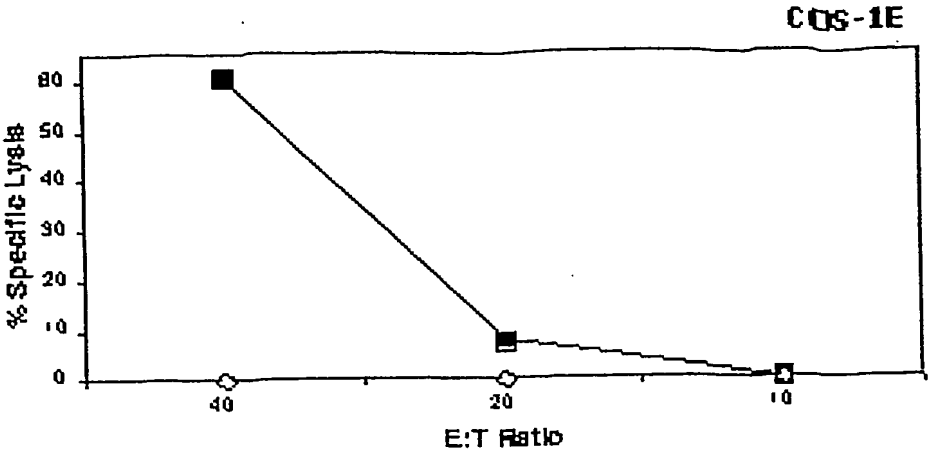
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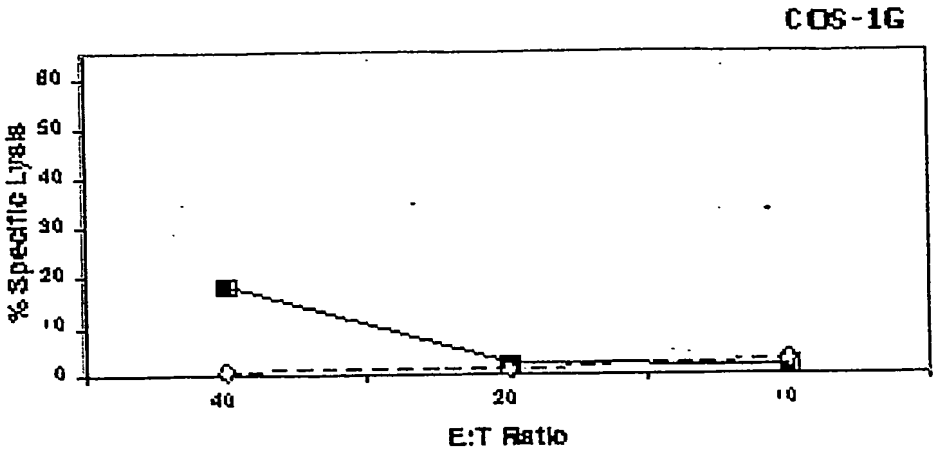
50
40
30
20
10
0
40
20
10
E:T Ratio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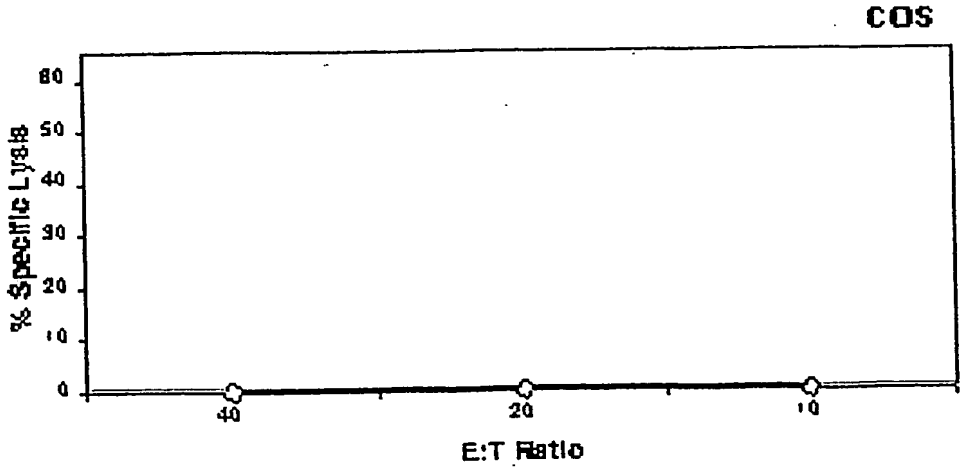
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% Specific Lysis
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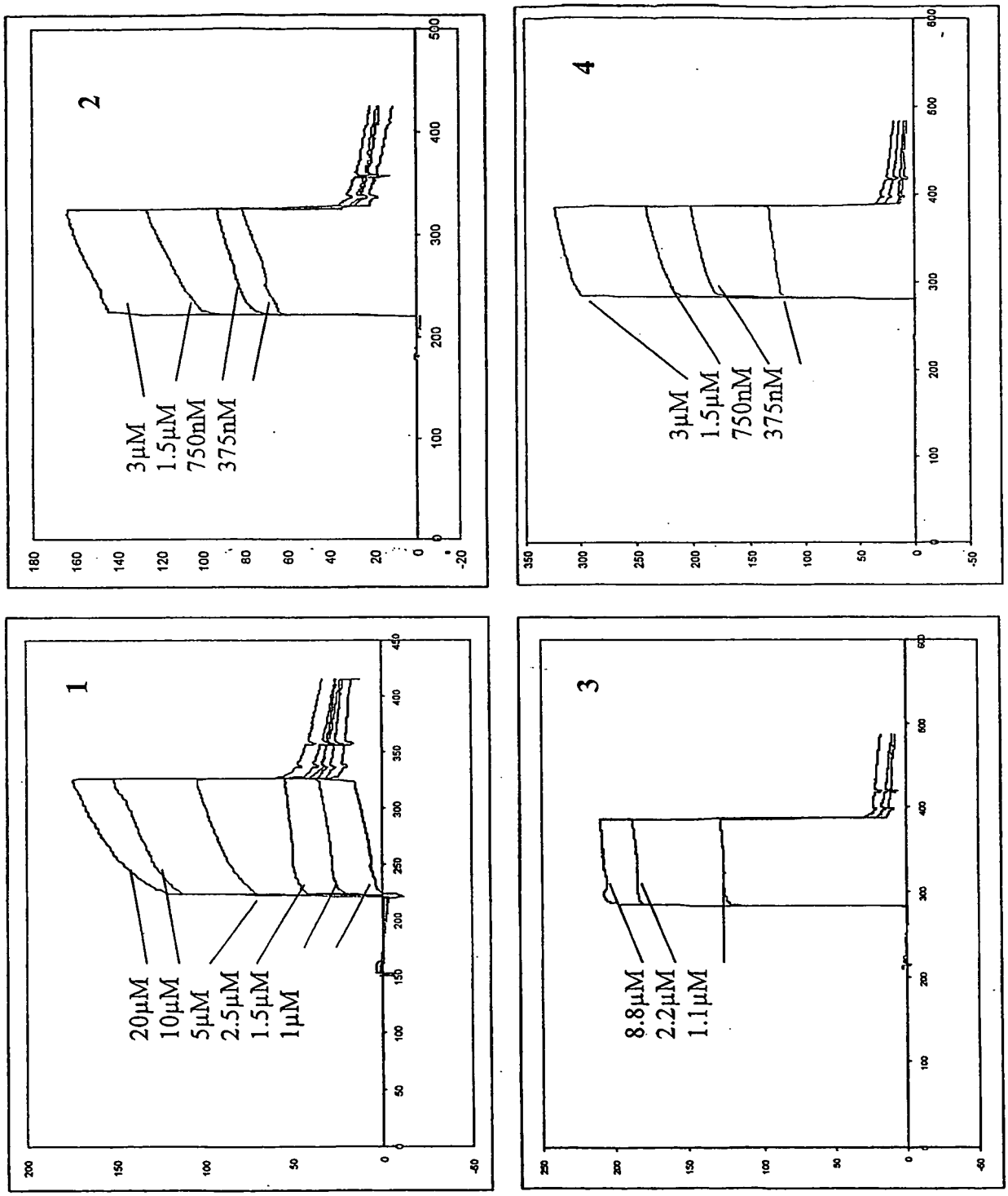
20
10
0
40
20
10
E:T Ratio

Figure 13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750nM
375nM
3
8.8µM
2.2µM
1.1µM
4
3µM
1.5µM
750nM
375nM

Figure 14